

Project Title	Funding	Strategic Plan Objective	Institution
Multimedia Tool for Psychology Graduate Student ASD Assessment Training	\$445,256	Q1.S.A	VIRTUAL REALITY AIDS, INC.
Solid-state patch clamp platform to diagnose autism and screen for effective drug	\$230,339	Q1.S.A	Stanford University
Enabling use of blood spot cards for accurate high throughput Fragile X screening	\$1,011,519	Q1.S.A	ASURAGEN, INC.
Evaluation of pupillary light reflex as biomarker of neurodevelopmental disorder	\$182,537	Q1.S.A	University of Missouri
Cross-Model Automated Assessment of Behavior during Social Interactions in Children with ASD	\$0	Q1.S.A	Yale University
Mobilized technology for rapid screening and clinical prioritization of ASD	\$42,612	Q1.S.B	Stanford University
Validation of web-based administration of the M-CHAT-R with Follow-up (M-CHAT-R/F)	\$74,804	Q1.S.B	Georgia State University
Early Detection of Autism Spectrum Disorder	\$668,397	Q1.S.B	DREXEL UNIVERSITY
Characterizing autism-related intellectual impairment and its genetic mechanisms	\$61,029	Q1.S.B	Children's Hospital of Philadelphia
The effects of autism on the sign language development of deaf children	\$0	Q1.S.B	Boston University
A Screen-Refer-Treat (SRT) Model to Promote Earlier Access to ASD Intervention	\$849,173	Q1.S.B	University of Washington
Smart Early Screening for Autism and Communication Disorders in Primary Care	\$510,505	Q1.S.B	Florida State University
Improving Accuracy and Accessibility of Early Autism Screening	\$796,039	Q1.S.B	TOTAL CHILD HEALTH, INC.
Development of a Prospective Parent Report Measure to Identify ASD Risk in Infancy	\$150,000	Q1.S.B	University of California, Davis
Development of a Prospective Video-Based Measure to Identify ASD Risk in Infancy	\$478,021	Q1.S.B	University of California, Davis
Early Identification of ASD: Translating Eye Tracking into Practice	\$375,283	Q1.S.B	UNIVERSITY OF CALIFORNIA SAN DIEGO
Using Parent Report to Identify Infants Who Are at Risk for Autism Spectrum Disorder (ASD)	\$0	Q1.S.B	University of North Carolina
Intelligent Data Capture and Assessment Technology for Developmental Disabilities	\$872,034	Q1.S.B	CARING TECHNOLOGIES, INC.
Leadership Education in Neurodevelopmental Disabilities	\$2,500	Q1.S.B	University of Alabama at Birmingham
Developing a Sensory Reactivity Composite Score for the New DSM-5	\$0	Q1.S.B	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI
Baby Siblings Research Consortium	\$70,586	Q1.S.B	Autism Speaks (AS)
Comparative Effectiveness of Developmental-Behavioral Screening Instruments	\$639,561	Q1.S.B	Tufts University
Neurobehavioral Analysis Core	\$122,509	Q1.S.B	University of California, Davis

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The Autism Spectrum Addendum (ASA) for the Anxiety Disorders Interview Schedule	\$5,000	Q1.S.B	Drexel University
(SDAS) Making a More Effective and Efficient SCQ	\$100,000	Q1.S.B	Texas Tech University
Addressing systemic health disparities in early ASD identification and treatment	\$813,085	Q1.S.C	University of Massachusetts, Boston
(SDAS) Racial and Ethnic Disparities in Children's Early Diagnostic and Health Services	\$99,991	Q1.S.C	Brandeis University
Mobilizing Community Systems to Engage Families in Early ASD Detection & Services	\$2,458,680	Q1.S.C	Florida State University
Reducing disparities in Rimely Autism Diagnosis through Family Navigation	\$0	Q1.S.C	Boston Medical Center
Early identification and service linkage for urban children with autism	\$982,149	Q1.S.C	Boston University
Reducing Barriers to Autism Care in Latino Children	\$179,521	Q1.S.C	Oregon Health & Science University
Dissemination of multi-stage screening to underserved culturally-diverse families	\$0	Q1.S.C	University of Massachusetts, Boston
Addressing Health Disparities in ASD Diagnosis, Services, and School Engagement	\$300,000	Q1.S.C	University of Massachusetts
A Sociology of Testing, Diagnosis and Autism Spectrum Disorder	\$0	Q1.S.C	University of Wisconsin
Family patterns in diagnosis of children with autism spectrum disorders (ASD)	\$20,000	Q1.S.C	Columbia University
DETECTION OF ASD AT THE 1ST BIRTHDAY AS STANDARD OF CARE: THE GET SET EARLY MODEL	\$1,099,280	Q1.S.D	UNIVERSITY OF CALIFORNIA SAN DIEGO
Biomarkers for autism and for gastrointestinal and sleep problems in autism	\$0	Q1.L.A	Yale University
A functional near-infrared spectroscopy study of first signs of autism	\$128,805	Q1.L.A	Stanford University
Development of a blood-based biomarker for autism	\$62,500	Q1.L.A	University of California, San Francisco
A Centralized Standard Database for the Baby Siblings Research Consortium	\$126,394	Q1.L.A	University of California, Davis
Early Biomarkers of Autism Spectrum Disorders in infants with Tuberous Sclerosis	\$3,463,622	Q1.L.A	CHILDREN'S HOSPITAL CORPORATION
Early Social and Emotional Development in Toddlers at Genetic Risk for Autism	\$368,827	Q1.L.A	University of Pittsburgh
Predicting Autism through Behavioral and Biomarkers of Attention in Infants	\$26,400	Q1.L.A	UNIVERSITY OF SOUTH CAROLINA AT COLUMBIA
Using near-infrared spectroscopy to measure the neural correlates of social and emotional development in infants at risk for autism spectrum disorder	\$0	Q1.L.A	City of New York, College of Staten Island
Developing fNIRS as a brain function indicator in at-risk infants	\$290,707	Q1.L.A	Birkbeck College

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Neural assays and longitudinal assessment of infants at very high risk for ASD	\$179,232	Q1.L.A	University of California, Los Angeles
Molecular Mechanisms of Atypical Habituation in Autism Spectrum Disorders	\$474,949	Q1.L.A	University of Washington
Autism: Social and Communication Predictors in Siblings	\$675,162	Q1.L.A	HUGO W. MOSER RESEARCH INSTITUTE KENNEDY KRIEGER
Epigenetic biomarkers of autism in human placenta	\$0	Q1.L.A	University of California, Davis
Supplement to NIH ACE Network grant: "A longitudinal MRI study of infants at risk for autism"	\$0	Q1.L.A	University of North Carolina
fcMRI in Infants at High Risk for Autism	\$539,308	Q1.L.A	Washington University in St. Louis
An MEG investigation of neural biomarkers and language in nonverbal children with autism spectrum disorders	\$0	Q1.L.A	University of Colorado, Denver
The ontogeny of social vocal engagement and its derailment in autism	\$157,315	Q1.L.A	Emory University
Divergent biases for conspecifics as early markers for Autism Spectrum Disorders	\$242,653	Q1.L.A	New York University
Serum antibody biomarkers for ASD	\$0	Q1.L.A	University of Texas Southwestern Medical Center
Salivary oxytocin as a biomarker for autism spectrum disorder	\$224,875	Q1.L.A	SALIMETRICS, LLC
Predicting the Decline of Social Attention in Infants at Risk for Autism	\$178,128	Q1.L.A	University of California, Los Angeles
Exploring Social Attribution in Toddlers At Risk for Autism Spectrum Disorder (ASD)	\$29,500	Q1.L.A	Georgia State University
Development of Vocal Coordination between Caregivers and Infants at Heightened Biological Risk for Autism Spectrum Disorder	\$0	Q1.L.A	University of Pittsburgh
Bridging Basic Research with Clinical Research with the Aim of Discovering Biomarkers for Autism	\$128,679	Q1.L.A	Autism Consortium
COMPONENTS OF EMOTIONAL PROCESSING IN TODDLERS WITH ASD	\$669,551	Q1.L.A	Yale University
Eyeblink conditioning in school-aged children with ASD	\$597,024	Q1.L.A	SEATTLE CHILDREN'S HOSPITAL
Evaluating pupil size as a diagnostic tool in autism	\$78,197	Q1.L.A	University of Washington
Development of postural control variability and preferential looking behavior in	\$189,814	Q1.L.A	University of Nebraska
Evaluating Plasma and Urine Porphyrins as Biomarkers of ASD	\$251,038	Q1.L.A	BATTELLE CENTERS/PUB HLTH RES & EVALUATN
Identifying Biomarkers for Early Detection of Prosody Disorders in ASD using Electroglottography	\$35,000	Q1.L.A	Emory University
Visual Fixation on the Mouth: A Potential Index of Language Acquisition and Delay	\$29,500	Q1.L.A	Emory University

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GENETIC AND DIAGNOSTIC BIOMARKER DEVELOPMENT IN ASD TODDLERS USING RESTING STATE FUNCTIONAL MRI	\$0	Q1.L.B	University of California San Diego
Restricted Repetitive Behavior in Autism	\$418,741	Q1.L.B	University of North Carolina
Extraction of Functional Subnetworks in Autism Using Multimodal MRI	\$356,327	Q1.L.B	Yale University
Reliability of sensory-evoked activity in autism	\$100,804	Q1.L.B	New York University
Development of accelerated diffusion and functional MRI scans with real-time motion tracking for children with autism	\$96,553	Q1.L.B	Massachusetts General Hospital
Collaborative research: Computational behavioral science: Modeling, analysis, and visualization of social and communicative behavior	\$0	Q1.L.B	Massachusetts Institute of Technology
Collaborative research: Computational behavioral science: Modeling, analysis, and visualization of social and communicative behavior	\$24,000	Q1.L.B	Georgia Tech Research Corporation
Toward Outcome Measurement of Anxiety in Youth with Autism Spectrum Disorders	\$612,963	Q1.L.B	Emory University
Collaborative research: Computational behavioral science: Modeling, analysis, and visualization of social and communicative behavior	\$0	Q1.L.B	Trustees of Boston University
Electrophysiological Correlates of Cognitive Control in Autism	\$128,277	Q1.L.B	UT SOUTHWESTERN MEDICAL CENTER
Clinical and Behavioral Phenotyping of Autism and Related Disorders	\$1,820,672	Q1.L.B	National Institutes of Health
Collaborative research: Computational behavioral science: Modeling, analysis, and visualization of social and communicative behavior	\$16,000	Q1.L.B	Carnegie Mellon University
Collaborative research: Computational behavioral science: Modeling, analysis, and visualization of social and communicative behavior	\$0	Q1.L.B	University of Illinois
Predicting outcomes in autism with functional connectivity MRI	\$17,381	Q1.L.B	National Institutes of Health
Improved early detection of autism using novel statistical methodology	\$0	Q1.L.B	Yale University
Extracellular signal-related kinase biomarker development in autism	\$54,890	Q1.L.B	Cincinnati Children's Hospital Medical Center
Investigating the auditory attentional networks in Autism Spectrum Disorder	\$60,000	Q1.L.B	CUNY - Queens College
Novel Methods to Understand Brain Connectivity in Autism	\$5,000	Q1.L.B	Yale University
IMPLICIT LEARNING ABILITIES PREDICT TREATMENT RESPONSE IN AUTISM SPECTRUM DISORDERS	\$0	Q1.L.B	Weill Cornell Medical College

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Using a direct observation assessment battery to assess outcome of early intensive behavioral intervention for children with autism	\$0	Q1.L.B	New England Center for Children
Collaborative research: Computational behavioral science: Modeling, analysis, and visualization of social and communicative behavior	\$0	Q1.L.B	University of Southern California
Identification of candidate serum antibody biomarkers for ASD	\$0	Q1.L.B	University of Texas Southwestern Medical Center
Neural Predictors of Language Function After Intervention in Children with Autism	\$181,307	Q1.L.B	University of California, Los Angeles
GENETIC AND DIAGNOSTIC BIOMARKER DEVELOPMENT IN ASD TODDLERS USING RESTING STATE FUNCTIONAL MRI	\$0	Q1.L.B	University of Texas Health Science Center, San Antonio
FUNDAMENTAL VISUAL REPRESENTATIONS AND SOCIAL COGNITION IN ASD	\$0	Q1.L.B	ALBERT EINSTEIN COLLEGE OF MEDICINE
GENETIC AND DIAGNOSTIC BIOMARKER DEVELOPMENT IN ASD TODDLERS USING RESTING STATE FUNCTIONAL MRI	\$0	Q1.L.B	Yale University
The early development of attentional mechanisms in ASD	\$119,406	Q1.L.B	University of Massachusetts, Boston
The Autism Impact Measure: A New Tool for Treatment Outcome Measurement	\$1,283,153	Q1.L.B	University of Missouri
Testing the tuning-width hypothesis in a unified theory for autism	\$0	Q1.L.B	Columbia University
Early-Stage Visual Processing in ASD: Neurophysiological Biomarkers Using Visual Evoked Potentials	\$51,395	Q1.L.B	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI
Development of Face Processing in Infants with Autism Spectrum Disorders	\$409,613	Q1.L.B	Yale University
Subtyping of toddlers with ASD based on patterns of social attention deficits	\$0	Q1.L.B	Yale University
Data Mining for Autism Endophenotypes in a Large Resting-State fMRI Repository	\$77,062	Q1.L.B	VIRGINIA POLYTECHNIC INST AND ST UNIV
EEG biomarkers of language and literacy abilities in minimally verbal children with ASD	\$51,400	Q1.L.B	University of California, Los Angeles
Markers of Early Speech Development in Children at Risk for Autism	\$5,000	Q1.L.B	Boston University
Intersensory Perception of Social Events: Typical and Atypical Development	\$134,355	Q1.L.C	FLORIDA INTERNATIONAL UNIVERSITY
Early Quantitative Characterization of Reciprocal Social Behavior	\$545,901	Q1.L.C	Washington University in St. Louis
The Development of Auditory Joint Engagement	\$307,100	Q1.L.C	GEORGIA STATE UNIVERSITY

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Receptive vocabulary knowledge in low-functioning autism as assessed by eye movements, pupillary dilation, and event-related potentials	\$0	Q1.L.C	Johns Hopkins University
Developing Automated Algorithms to Assess Linguistic Variation in Individuals with Autism	\$35,000	Q1.L.C	University of Pennsylvania
I-Corps: Video Interface for Behavioral Evaluation	\$50,000	Q1.L.C	University of Kentucky
Undergraduate Research Award	\$3,000	Q1.L.C	Yale University
Neural Economics of Biological Substrates of Valuation	\$379,913	Q1.L.C	VIRGINIA POLYTECHNIC INST AND ST UNIV
South Carolina Children's Educational Surveillance Study: Comparison of DSM-IV & DSM-5 prevalence	\$79,603	Q1.Other	Medical University of South Carolina
Change-sensitive Measurement of Emotion Dysregulation in ASD	\$458,586	Q1.Other	University of Pittsburgh
INT2-Large: Collaborative research: Developing social robots	\$0	Q1.Other	University of California, San Diego
Test of integrated language and literacy skills validation research	\$0	Q1.Other	Western Michigan University
CAREER: Enabling community-scale modeling of human behavior and its application to healthcare	\$16,000	Q1.Other	Cornell University
A monkey model of naturally occurring low sociability	\$229,288	Q1.Other	Stanford University
Risk Evaluation for Autism in Latinos– Screening tools and Referral Training (REAL-START)	\$49,995	Q1.Other	Oregon Health & Science University

